

What is claimed is:

1. A method for reproducing A/V data recorded on an interactive recording medium, comprising the steps of:

receiving playback control information for the A/V
5 data from a contents providing server and storing the received playback control information; and

presenting the A/V data reproduced from the interactive recording medium in conjunction with additional contents data received from the contents
10 providing server using the stored playback control information.

2. The method set forth in claim 1, wherein the additional contents data is organized into a plurality of data files.

15 3. The method set forth in claim 1, wherein the playback control information is provided all at once by the contents providing server or is divided into multiple pieces and provided one by one when needed by the contents providing server.

20 4. The method set forth in claim 1, wherein the playback control information includes access information for data files of the additional contents data to be reproduced in conjunction with some intervals of the A/V data and information on presentation time of each of the
25 data files.

5. The method set forth in claim 4, wherein the

playback control information further includes information on the size of data files of additional contents data that will be received next.

6. The method set forth in claim 4, wherein the
5 access information for data files of the additional contents data is file names of the data files or addresses of the places in which the data files are stored.

7. The method set forth in claim 4, wherein the
10 presenting step further includes the step of sending a request to the contents providing server for requiring that the contents providing server change the expected transmission time of data files of additional contents data to transmit next with reference to the information
15 on presentation time of each data file included in the playback control information.

8. The method set forth in claim 7, wherein the request is to delay the expected transmission time.

9. The method set forth in claim 8, wherein the
20 request to delay the expected transmission time is made when the additional contents data files cannot be stored in the remaining space of a temporary storage means.

10. The method set forth in claim 5, wherein the presenting step further includes the step of determining
25 a transmission method for additional contents data to be received next by comparing the information on the size of data files of additional contents data that will be

received next with the size of the remaining space of a storage means for temporarily storing the additional contents data and sending a transmission request according to the determined method.

5 11. The method set forth in claim 10, wherein the transmission request is for requiring that the contents providing server divide the data files of the additional contents data that will be received next into several groups and transmit the groups individually.

10 12. The method set forth in claim 10, wherein the transmission request is for requiring that the contents providing server compress the data files of the additional contents data that will be received next before transmission.

15 13. The method set forth in claim 12, wherein information on the lowest allowable compression rate is provided when the request is made.